2023 PRIMARY 3 PRACTICE PAPER

Name: _____ ( ) Date: _____

Class: Primary 3 ( ) Time: 8.00 a.m. - 9.20 a.m.

Parent's Signature: _____ Marks: _____ / 40

MATHEMATICS

INSTRUCTIONS TO CANDIDATES

1. Write your name, class and register number.
2. Do not turn over this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. The duration for the paper is 1h 20min.

Section A	8
Section B	8
Section C	24

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Section A

Questions 1 to 8 carry 1 mark each.
For each question, four options are given. One of them is the correct answer.
Make your choice (1, 2, 3 or 4).
Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet. [8 marks]

1. In 2817, the digit **8** is in the _____ place.

   (1) ones
   (2) tens
   (3) hundreds
   (4) thousands

2. What digit does ▲ represent?

$$\begin{array}{r} 3\ \blacktriangle\ 4 \\ \times\qquad 8 \\ \hline 2\ 9\ 9\ 2 \end{array}$$

   (1) 7
   (2) 2
   (3) 3
   (4) 9

3. Which of the following is the equivalent fraction of $\frac{3}{5}$?

   (1) $\frac{2}{5}$
   (2) $\frac{6}{8}$
   (3) $\frac{8}{10}$
   (4) $\frac{9}{15}$

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4. Justin bought a pizza. His two brothers each ate $\frac{1}{6}$ of the pizza. He had _____ of the pizza left.

(1) $\frac{2}{6}$

(2) $\frac{3}{6}$

(3) $\frac{4}{6}$

(4) $\frac{5}{6}$

Text

5. A length of wire, 8 m long is cut into 2 pieces. One piece is 4 m 6 cm long. What is the length of the other piece?

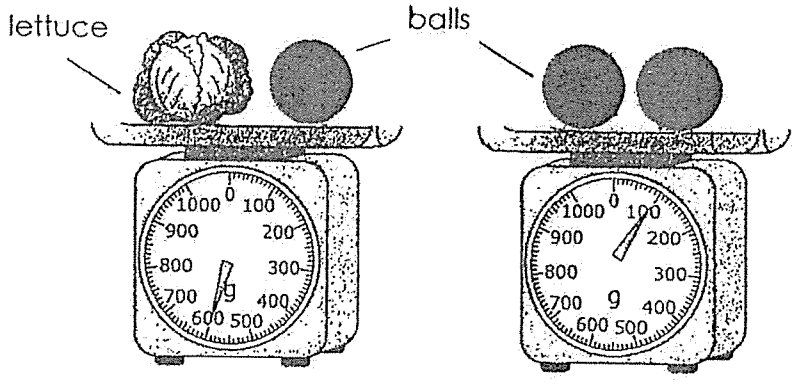
(1) 3 m 4 cm

(2) 3 m 94 cm

(3) 4 m 6 cm

(4) 4 m 94 cm

6. Study the picture below.



The mass of the lettuce is _____ g.

(1) 500

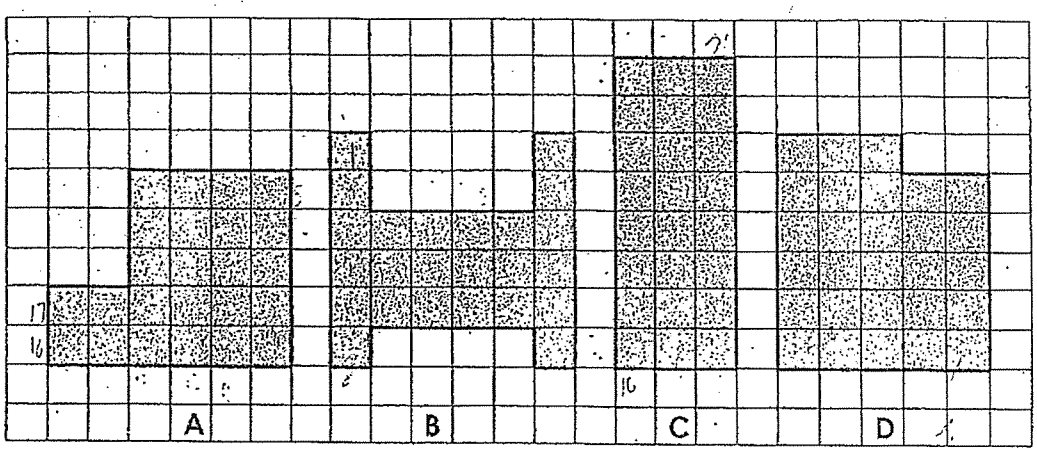
(2) 550

(3) 600

(4) 650

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7. The figures below are made up of 1-m squares.
Which 2 figures have the same area and perimeter?



(1) A and B

(2) A and C

(3) B and C

(4) C and D

8. How many angles are there within 3 triangles and 3 rectangles.

(1) 6

(2) 7

(3) 15

(4) 21

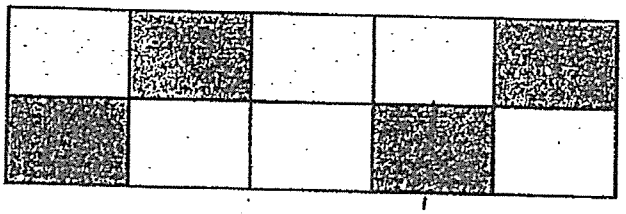
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Section B

Questions 9 to 16 carry 1 mark each. Write your answers in the boxes provided. For questions which require units, give your answers in the units stated.

[8 marks]

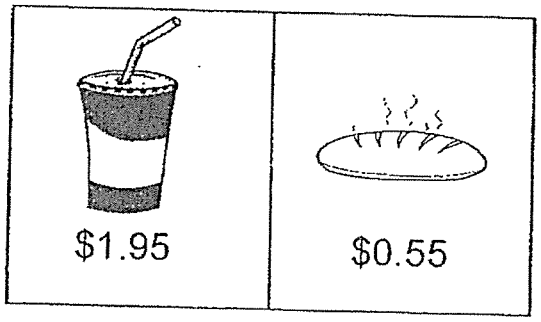
9. What fraction of the figure shown below is unshaded?
Write the fraction in its ***simplest form.***



10. Irina bought some flour. She used $\frac{1}{4}$ of the flour to make brownies, $\frac{1}{8}$ of it to make cookies and $\frac{1}{2}$ of it to make muffins.

What fraction of the flour did she use?

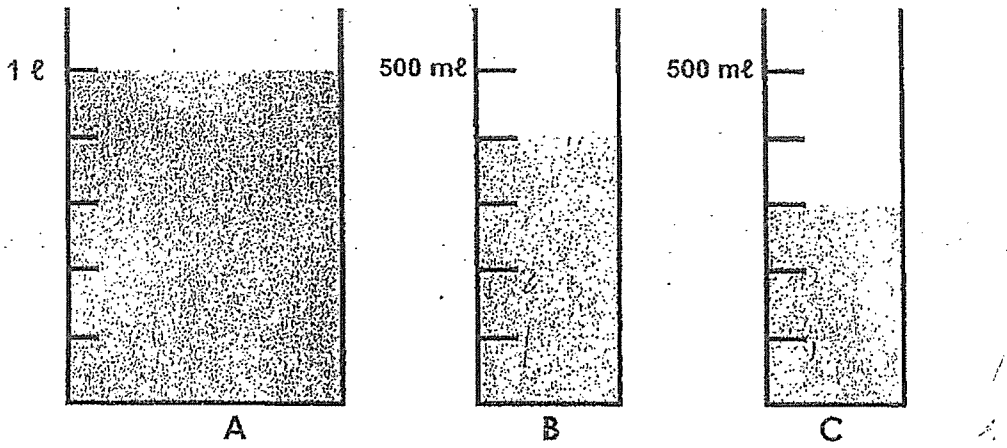
11. Annabelle bought 2 cups of drinks and a bun.
How much did she spend altogether?



$

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12. Study the containers shown below.
Find the total volume of water in **millilitres**.



mℓ

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13. A number is between 36 and 45. When it is divided by 4, the remainder is 0. When it is divided by 6, the remainder is 2. What is the number?

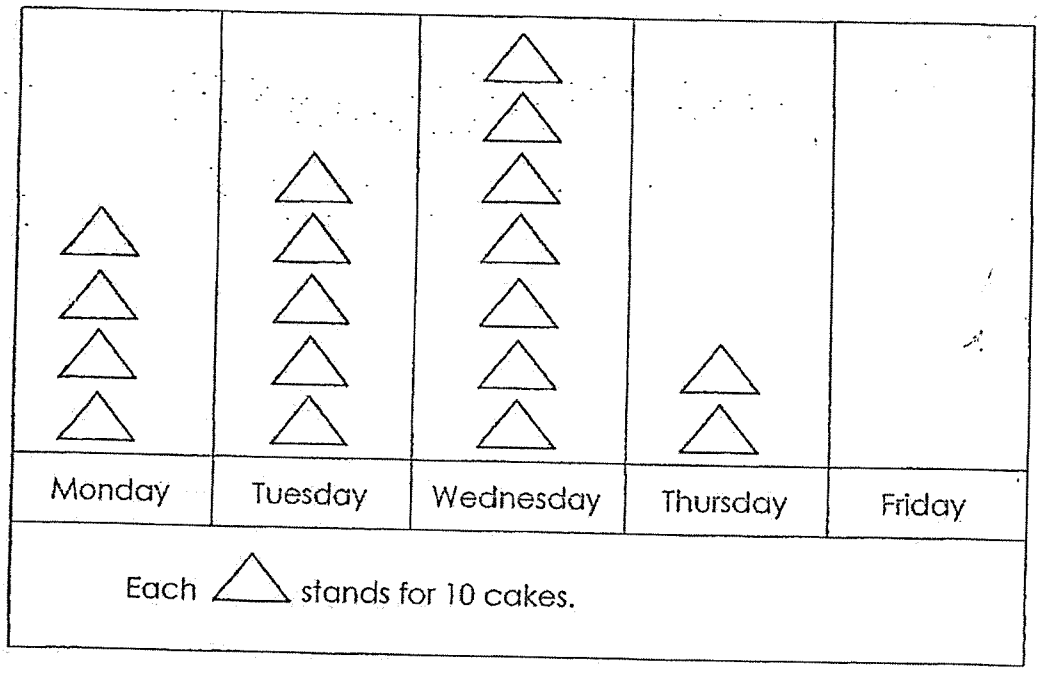
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14. The figure below is a rectangle. Draw a straight line in it so that you will get a total of 8 right angles.

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The incomplete picture graph below shows the number of cakes sold by Mrs. Lee from Monday to Friday.

Study the graph and answer Questions 19 and 20.



15. What was the total number of cakes sold on Monday and Wednesday?

16. Mrs. Lee sold 50 more cakes on Friday than on Thursday.
Draw the triangles to complete the picture graph above.

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Section C

Questions 17 to 24 carry 3 marks each. Show your working clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (24 marks)

17. Sally baked some cakes and cream puffs. She took 2 hours and 45 minutes to bake the cakes and 1 hour 50 minutes to bake the cream puffs. She finished baking at 2.05 p.m. What time did Sally start baking?

Sally started _____

Ans: _____

18. James, Kelly and Lily have 1320 stickers altogether.
Kelly has thrice as many stickers as James.
Lily has 20 stickers less than James.
How many stickers does James have?

James has _____ .

Ans: _____

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19. Suzy made 3600 apple pies. She made 1750 more apple pies than blueberry pies. How many pies did she make altogether?

She made _____

Ans: _____

20. 3 tennis rackets and 4 basketballs cost $247.50.
3 tennis rackets and 2 basketballs cost $172.50.
What is the cost of 3 tennis rackets?

The cost _____

Ans: _____

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21. The length of a rectangle is 13 cm.
The breadth of the rectangle is 8 cm shorter than its length.
a) What is the breadth of the rectangle?

The breadth _____

Ans: (a) _____

b) What is area of the rectangle?

The area _____

Ans: (b) _____

22. 9 trees are planted at regular intervals from the beginning of a road to the end of it. The distance between every two trees is 300 m.
How long is the road? *Give your answers in kilometres and metres.*

The length _____

Ans: _____

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23. Kate used sticks to form figures that follow a pattern as shown below.

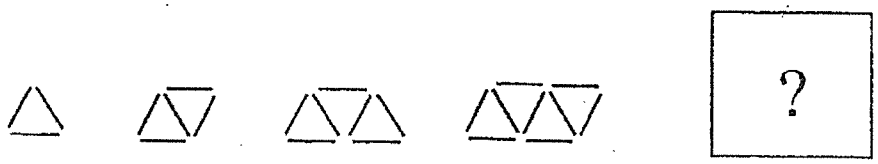


Figure 1 Figure 2 Figure 3 Figure 4 ... Figure 6

a) **Draw *Figure 6*** in the given box below.

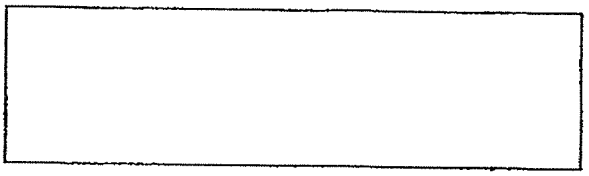


Figure 6

b) Which figure in the pattern has a total of 31 sticks?

Figure _____ .

Ans: (b) _____

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24. Roger keeps $182 in $2 notes and $5 notes in his money box.
There is an equal number of $2 and $5 notes.
How many dollar notes are there altogether?

There are _____

Ans: _____

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2023 PRIMARY 3 WEIGHTED ASSESSMENT 2

Name: _____ ( ) Date: 21 August 2023

Class: Primary 3 ( ) Duration: 45 minutes

Parent's Signature: _____ Marks: _____ / 20

MATHEMATICS

INSTRUCTIONS TO CANDIDATES

1. Write your name, class, and register number.
2. Do not turn over this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.

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Section A

Questions 1 to 10 carry **1 mark** each. Write your answers in the boxes provided. For questions which require units, give your answers in the units stated.

(10 marks)

1. Write $\frac{8}{56}$ in its simplest form.

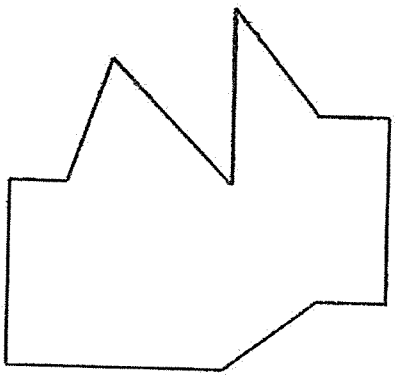
2. What is the missing numerator?

$$\frac{8}{12} - \frac{1}{3} = \frac{\square}{6}$$

3. Which of the following letter has perpendicular lines?

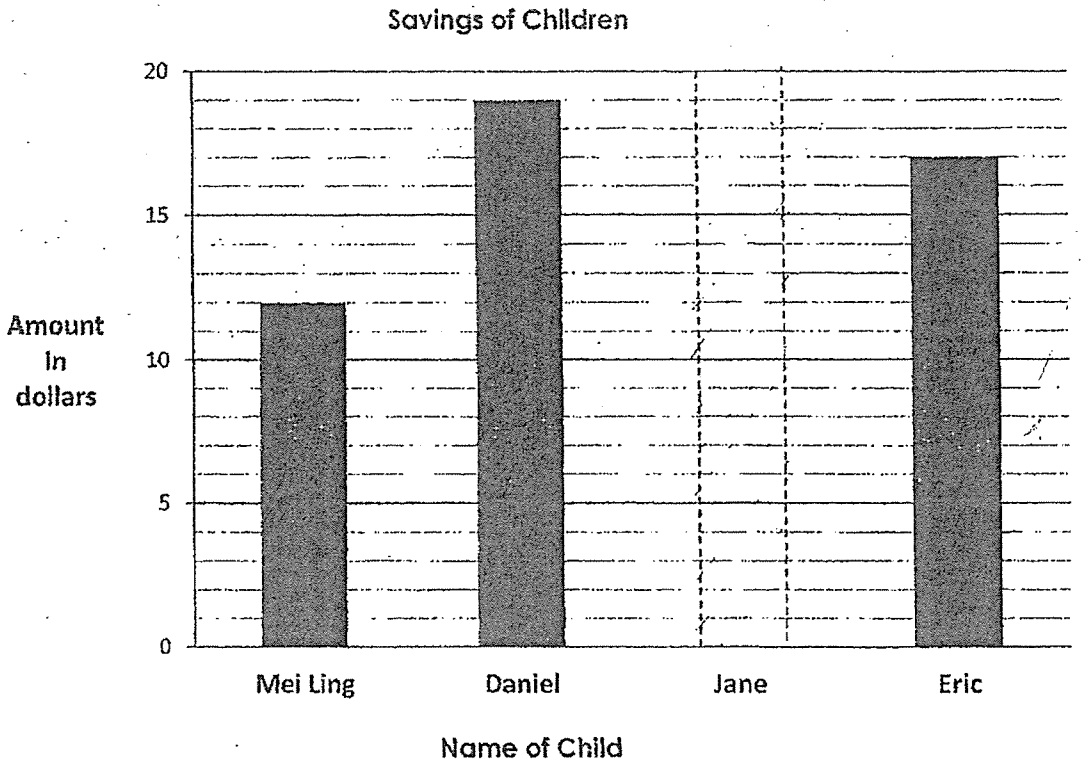
A N X E

4. Mark all the acute angles in the figure.



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The incomplete bar graph shows the savings of some children. Study the graph carefully and use it to answer questions 5 and 6.



5. The total savings of the 4 children was $63. Draw the bar that represents Jane's savings. Shade it.

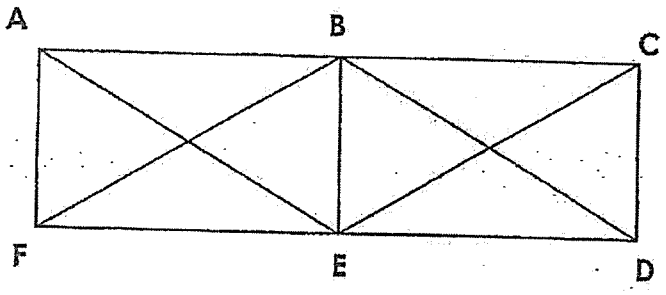
6. Daniel plans to use his savings to buy a pair of sports shoes. How much more money must he save if the sports shoes cost $90?



$

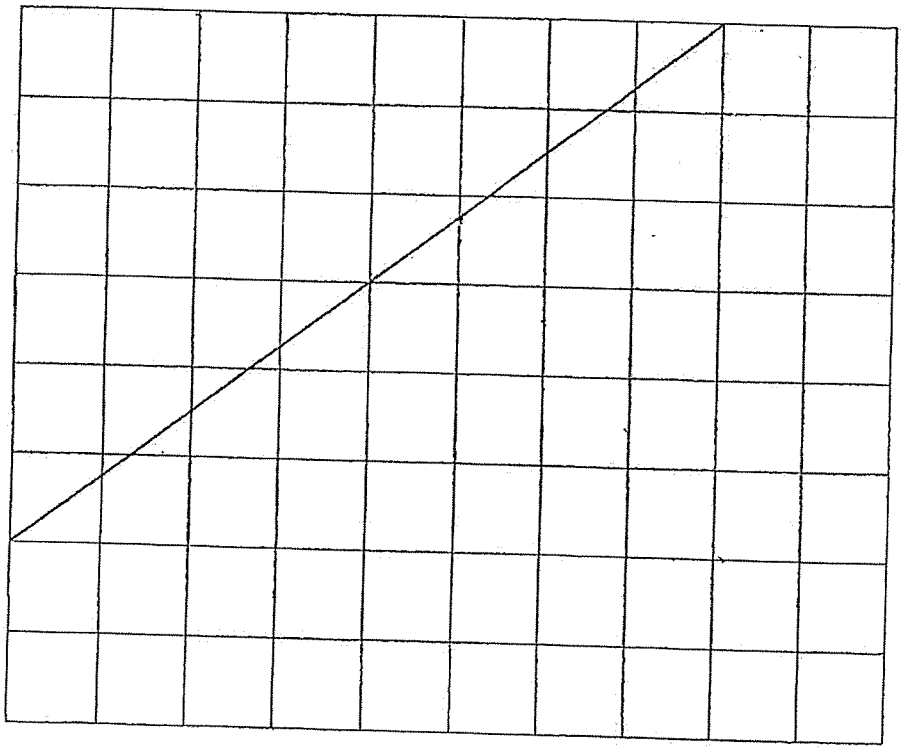
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7. In the figure, name the line parallel to BD.



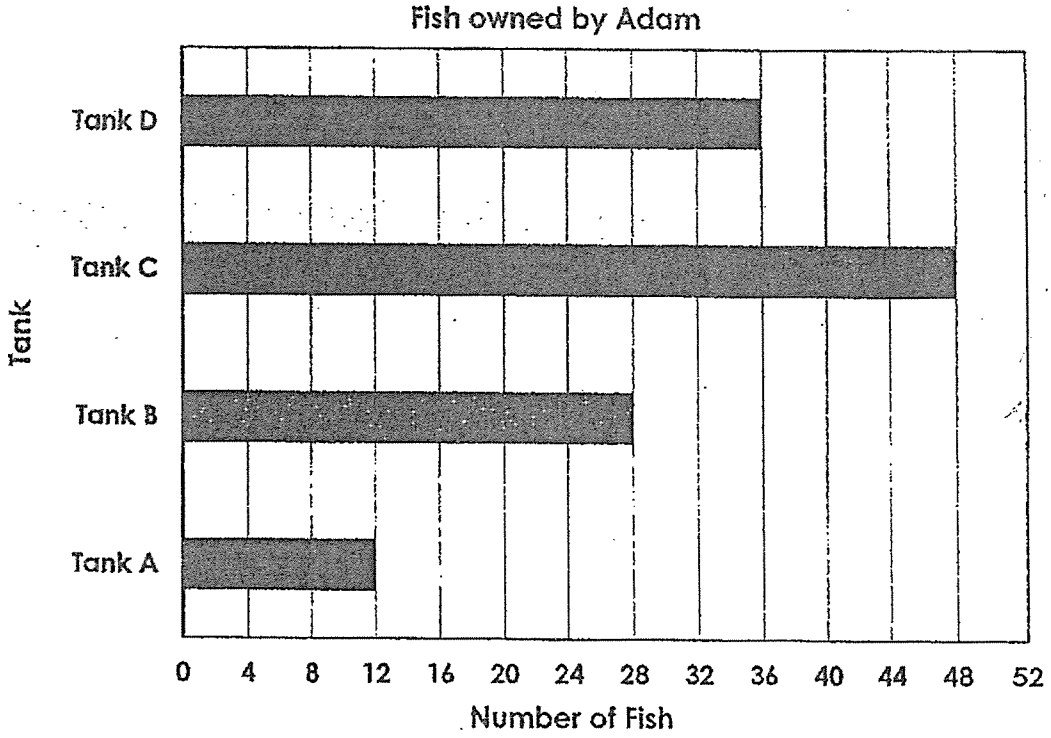
1

8. Draw a line perpendicular to the given line in the grid.



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The graph below shows the number of fish kept by Adam in four different fish tanks at home. Study the graph carefully and use it to answer questions 9 and 10.



9. Which tank(s) has / have more than 32 fish?

10. How many fish must be taken from Tank C and placed into Tank A so that the two tanks will have the same number of fish?

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Section B

Questions 11 to 15 carry **2 marks** each. Show your working clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (10 marks)

---

11. Benson and Hong Wei shared some marbles equally. After Hong Wei gave 28 marbles to Benson, how many more marbles did Benson have than Hong Wei?

Benson had _____

Ans: _____

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12. Kelly and Melissa collect stamps. Together they collected 825 stamps. Melissa collected twice as many stamps as Kelly. How many more stamps did Melissa collect than Kelly?

Melissa collected _____

Ans : _____

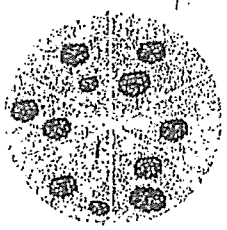
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13. Susan painted $\frac{1}{3}$ of the wall green and $\frac{1}{6}$ of the same wall yellow. What fraction of the wall was painted? Give your answer in its simplest form.

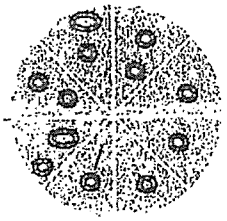
_____ of the wall was painted.

Ans : _____

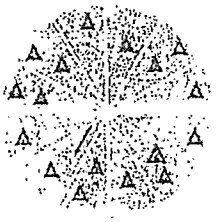
14. Mrs Lee bought 3 regular-sized pizzas topped with different ingredients. She cut the cheese pizza into 6 equal pieces, the chicken pizza into 8 equal pieces and the seafood pizza into equal 12 pieces.



Cheese Pizza



Chicken Pizza



Seafood Pizza

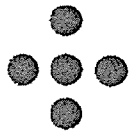
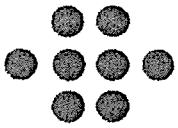
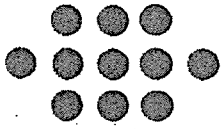
Jerry ate 2 pieces of Cheese pizza, Joel ate 3 pieces of Chicken pizza and Jane ate 4 pieces of the seafood pizza.
Who ate the most pizza? Show your working clearly.

_____ ate the most pizza.

Ans : _____

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15. The figures are made up of dots.

		
Figure 1	Figure 2	Figure 3

How many dots are required to form Figure 10?

Figure 10 will have _____ .

Ans: _____

-- End of Paper --

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PRIMARY 3
END-OF-YEAR MATHEMATICS REVIEW 2

Name: _____ ( )

Class: Primary 3 ( )

Date: _____ Time: 50 min

Marks: _____ / 30

Parent's Signature: _____

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Questions 1 to 10 carry 3 marks each. Show your working clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.
(30 marks)

1. Kassim collected 2639 marbles.

He collected 456 fewer marbles than Jeremy.

(a) How many marbles did Jeremy collect?

(b) How many marbles did they collect altogether?

(a) Jeremy collected _____ marbles.

(b) They collected _____ marbles altogether.

Ans: (a) _____

(b) _____

2. Samantha's mother is 30 years older than her.

Their total age is 56 years. How old is Samantha?

Samantha is _____ years old.

Ans: _____

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3. There was an equal number of students in Group A and Group B at first. After 16 students left Group A to join Group B, there were three times as many students in Group B as in Group A. How many students were there in each group at first?

There were _____ students in each group at first.

Ans: _____

4. The total cost of 2 Adult and 2 Child tickets to the zoo was $116.
An adult ticket costs $10 more than a child ticket.
Find the cost of 1 child ticket.

One child ticket costs _____.

Ans: _____

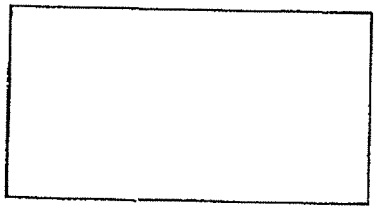
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5. Joanne paid $200 for a gold chain.
She paid for it with 16 $10 notes and some $5 notes.
How many $5 notes did she use?

She used _____ $5 notes.

Ans: _____

6. The length of a school field is 2 times its breadth.
The perimeter of the school field is 132 m.
What is the length of the field?

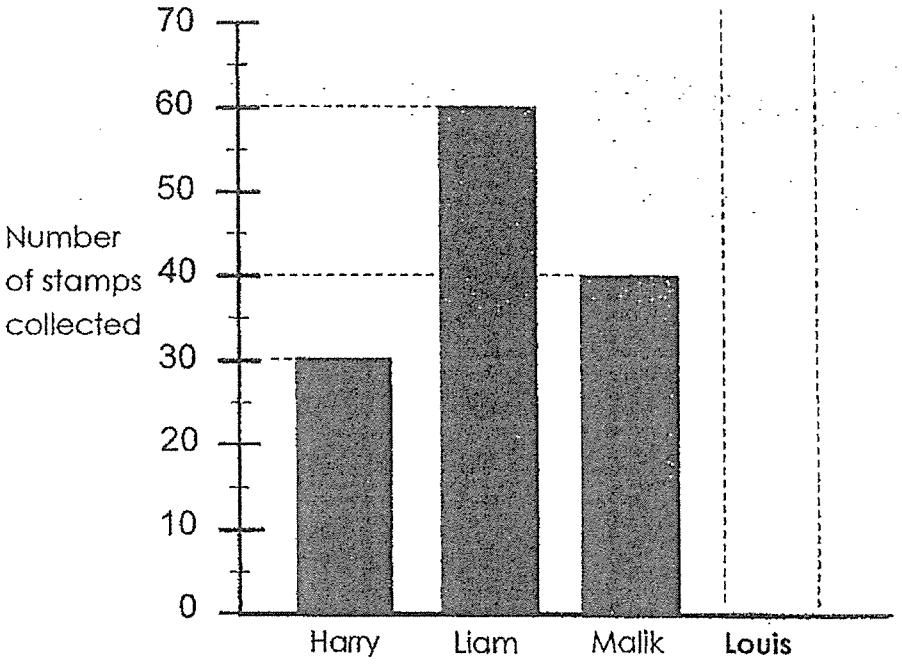


The length of the field is _____

Ans: _____

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7. The graph below shows the number of stamps collected by some boys.



(a) Louis collected 25 stamps.
Draw the bar to show the number of stamps Louis collected.

(b) Who collected twice as many stamps as Harry?

(c) How many more stamps than Louis did Malik collect?

(b) _____ collected twice as many stamps as Harry.

(c) Malik collected _____ more stamps.

Ans: (b) _____

(c) _____

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8. Baker Tan baked 770 cupcakes. She packed 8 cupcakes in a box.

(a) How many boxes of 8 cupcakes did she have ?

(b) How many cupcakes were left ?

(a) She had _____ boxes of 8 cupcakes.

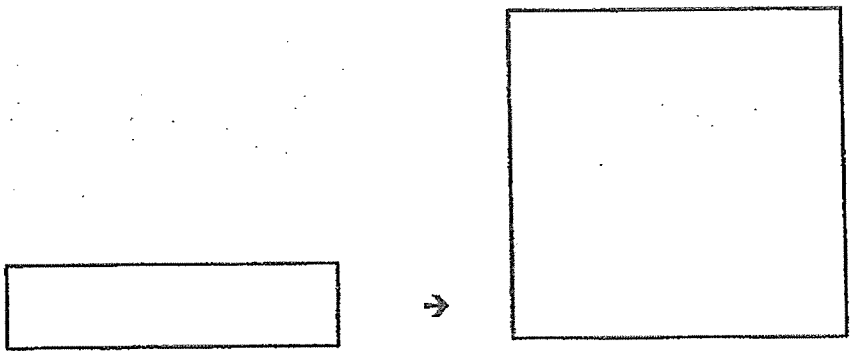
(b) She had _____ cupcakes left.

Ans: (a) _____

(b) _____

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9. Four identical rectangles were used to form a square.
The perimeter of the square is 48 m.



Rectangle → Square

(a) Find the length of one side of the square.

(b) Find the perimeter of one rectangle.

(a) The length of one side of the square is _____.

(b) The perimeter of one rectangle is _____.

Ans: (a) _____

: (b) _____

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10. Study the pattern shown.

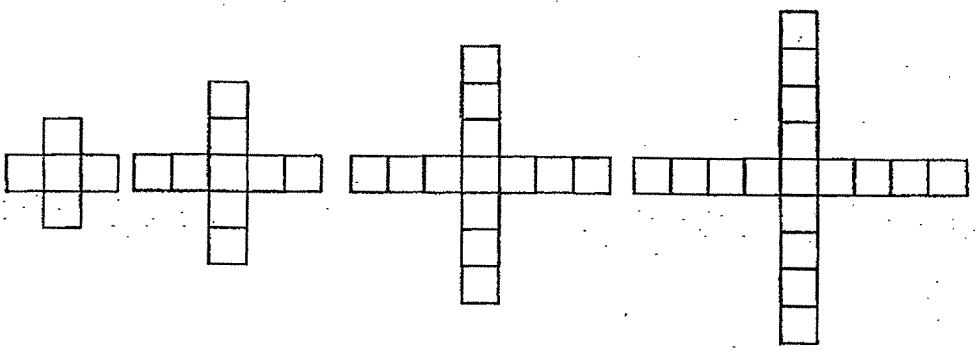
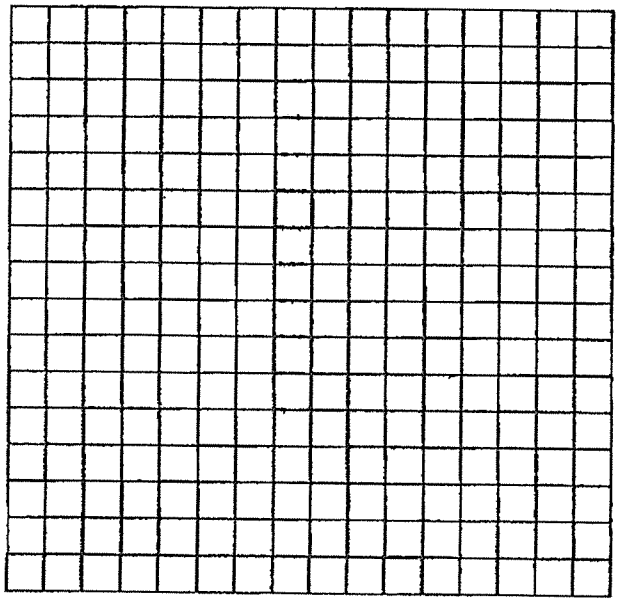


Figure 1 Figure 2 Figure 3 Figure 4

a) Complete the table.

Figure	1	2	3	4
Number of squares	5		13	

b) **Draw** and **colour** the **Figure 5** in the square grid below.



c) How many squares is **Figure 10** made up of?

Ans: (c)_____

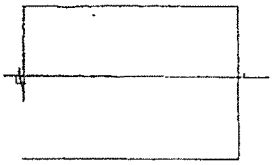
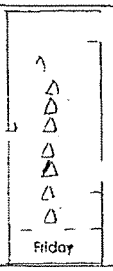
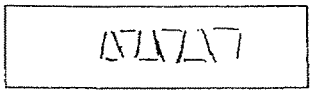
End

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YEAR : 2023
LEVEL : PRIMARY 3
SCHOOL : TAO NAN SCHOOL
SUBJECT : MATHEMATICS
TERM : PRACTICE PAPER 1 & WA2 & END OF YEAR REVIEW 2

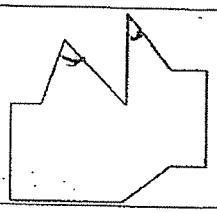
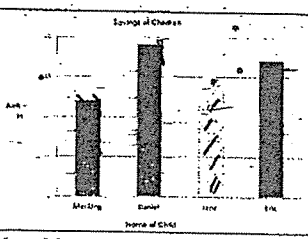
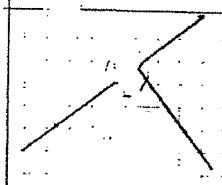
PRACTICE PAPER 1

Q1	3	Q2	1	Q3	4	Q4	3	Q5	2
Q6	2	Q7	2	Q8	4				

Q9	$\frac{3}{5}$	Q10	$\frac{7}{6}$
Q11	$4.45	Q12	1700ml
Q13	44	Q14	
Q15	110	Q16	
Q17	Sally started at 9.30 a.m.	Q18	1320 + 20 = 1340 1340 ÷ 5 = 268 268 – 20 = 248 James has 248 stickers.
Q19	3600 – 1750 = 1850 3600 + 1850 = 5450 She made 5450 pies altogether.	Q20	$247.50 - $172.50 = $75.00 172.50 – 75 = $97.50 The cost of 3 tennis racket is $97.50
Q21	a) 13 – 8 = 5 The breadth is 5 cm b) Length x breadth = 13 x 5 = 65cm	Q22	300 + 8 = 2400 9 – 1 = 8 2400m = 2km = 400m The length of the road is 2km 400m
Q23	a)  Figure 6 b) Figure 15 has 31 sticks.	Q24	26 x 2 = 52 26 x 5 = 130 26 + 26 = 52 130 + 52 = 182 Ans: 52

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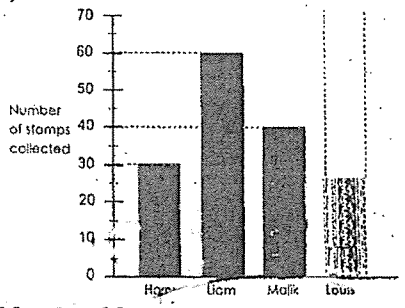
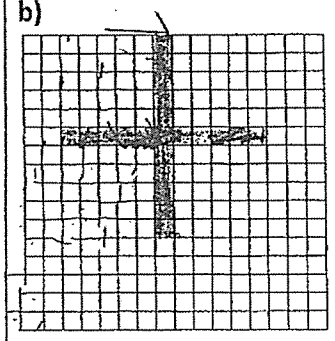
WEIGHTED ASSESSMENT 2

Q1	$\frac{1}{7}$	Q2	2
Q3	E	Q4	
Q5		Q6	71
Q7	AE // BD	Q8	
Q9	D and C	Q10	18
Q11	28 x 2 = 56 Benson had 56 marbles more than Hong Wei.	Q12	875 ÷ 3 = 275 275 + 275 = 550 550 – 275 = 275 Melissa collected 275 stamps more than Kelly.
Q13	$\frac{2}{6} + \frac{1}{6} = \frac{3}{6}$ $\frac{3}{6} = \frac{1}{2}$	Q14	$\frac{2}{8} = \frac{8}{24}$ $\frac{3}{8} = \frac{9}{24}$ $\frac{4}{12} = \frac{8}{24}$ $\frac{12}{32} > \frac{12}{36}$ Joel ate the most pizza
Q15	5 + (9 x 3) = 32 dots		

END OF YEAR REVIEW 2

Q1	2639 + 456 = 3095 3095 + 2639 = 5734 a) Jeremy collected 3095 marbles. b) They collected 5734 marbles altogether.	Q2	56 – 30 = 26 26 ÷ 2 = 13 Samantha is 13 years old.
Q3	16 x 3 = 48 After → 48 Before B = Before A Before B → 48 – 10 = 32 students There were 32 students in each group at first.	Q4	$116 – 20 = $96 $96 ÷ 4 = $24 One child ticket costs $24

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Q5	8 x 5 = 40 100 + 40 = 200 She used 8 $5 notes.	Q6	132 ÷ 6 = 2L 22 x 2 = 44m The length of the field is 44m
Q7	a)  30 x 2 = 60 40 – 25 = 15 b) Liam collected twice as many stamps as Harry. c) Malik collected 15 more stamps.	Q8	770 ÷ 8 = 96 R2 a) She had 96 boxes of 8 cupcakes. b) She had 2 cupcakes left.
Q9	48 ÷ 4 = 12 12 ÷ 4 = 3 3 + 3 + 12 + 12 = 30 a) The length of one side of the square is 12m. b) The perimeter of one rectangle is 30.	Q10	a) 1 | 2 | 3 | 4 5 | 9 | 13 | 17 b)  c) 41

3

END

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